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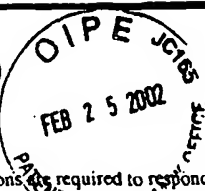
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Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if known		
				Application Number	10/034,127	
				Filing Date	December 27, 2001	
				First Named Inventor	Eric A. Holwitt	
				Group Art Unit	Not yet assigned	
Examiner Name	Not yet assigned					
Attorney Docket Number	005247.P010					
Sheet	1	of	4			
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear
[Handwritten initials]		3,970,518		Giaever	07/20/1976	2/566
		4,230,685		Senyei et al.	10/28/1980	—
		4,677,055		Dodin et al.	06/30/1987	—
		4,695,393		Whitehead et al.	09/22/1987	—
		5,003,050		Kiel et al.	03/26/1991	—
		5,270,163		Gold et al.	12/14/1993	—
		5,475,096		Gold et al.	12/12/1995	—
		5,567,588		Gold et al.	10/22/1996	—
		5,578,832		Trulson et al.	11/26/1996	—
		5,580,737		Polisky et al.	12/03/1996	—
		5,582,981		Toole et al.	12/10/1996	—
		5,595,877		Gold et al.	01/21/1997	—
		5,637,459		Burke et al.	06/10/1997	—
		5,641,629		Pitner et al.	06/24/1997	—
		5,650,275		Pitner et al.	07/22/1997	—
		5,670,637		Gold et al.	09/23/1997	—
		5,683,867		Biesecker et al.	11/04/1997	—
		5,696,249		Gold et al.	12/09/1997	—
	5,707,796		Gold et al.	01/13/1998	—	
	5,763,177		Gold et al.	06/09/1998	—	
[Handwritten initials]		5,837,832		Chee et al.	11/17/1998	—

Examiner Signature	HORCLICK	Date Considered	6/18/03
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> <p>¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.</p>			

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RAH		5,843,653		Gold et al.	12/01/1998	2/86
		5,853,984		Davis et al.	12/29/1998	—
		5,856,108		Kiel et al.	01/05/1999	—
		5,861,242		Chee et al.	01/19/1999	—
		5,874,218		Drolet et al.	02/23/1999	—
		5,958,691		Pieken et al.	09/28/1999	—
		6,001,577		Gold et al.	12/14/1999	—
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		6,096,825		Garnier	08/01/2000	—
		6,201,086		Garnier	03/13/2001	—
RAH		6,242,246		Gold, et al.	06/05/2001	—

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Examiner Initials	Cite No. ¹	Office ³	Foreign Patent Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear
RAH		WIPO	WO 91/19813	A1	Gold, et al.	12/26/1991	—
		WIPO	WO 95/29199	A1	Garnier	11/02/1995	—
		WIPO	WO 96/27604	A1	Gold, et al.	09/12/1996	—
		WIPO	WO 99/31275	A1	Gold, et al.	06/24/1999	—

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
9/22		Bruno & Yu, "Immunomagnetic-electrochemiluminescent detection of <i>Bacillus anthracis</i> spores in soil matrices," <i>Appl. Environ. Microbio.</i> , 62:3474-3476, 1996.	
		Bruno, John G., <i>In vitro</i> selection of DNA to chloroaromatics using magnetic microbead-based affinity separation and fluorescence detection," <i>Biochim. Biophys. Res. Comm.</i> , 234: 117-120, 1997.	
		Bruno <i>et al.</i> , "Preliminary electrochemiluminescence studies of metal ion-bacterial dizaolumin melanin (DALM) interactions," <i>J. Biolumin. Chemilum.</i> , 13: 1-7, 1998.	
		Ellington & Szostak, " <i>In vitro</i> selection of RNA molecules that bind specific ligands", <i>Nature</i> , 346:818-822, 1990.	
		Ellington & Szostak, "Selection <i>in vitro</i> of single stranded DNA molecules that fold into specific ligand-binding structures", <i>Nature</i> , 355:850-52, 1992.	
		Gatto-Menking <i>et al.</i> , "Sensitive detection of biotoxoids and bacterial spores using an immunomagnetic electrochemiluminescence sensor", <i>Biosensors & Bioelectronics</i> , 10:501-507, 1995.	
		Jayasena, S.D., "Aptamers: An Emerging Class of Molecules That Rival Antibodies in Diagnostics", <i>Clin. Chem.</i> , 45:1628-1650, 1999.	
		KIEL <i>et al.</i> "Luminescent radio frequency radiation dosimetry." <i>Bioelectromagnetics</i> 20, pages 46-51, 1999a.	
9/22		KIEL <i>et al.</i> , Pulsed microwave induced light, sound, and electrical discharge enhanced by a biopolymer. <i>Bioelectromagnetics</i> 20:216-223, 1999b.	
		KLUG and FAMULOK, All you wanted to know about SELEX. <i>Molecular Biology Reports</i> , 20: 97-107, 1994.	

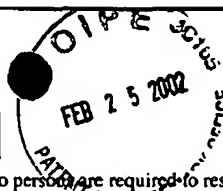
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9/28/01		Lorsch and Szostak, "In vitro selection of nucleic acid sequences that bind small molecules." In: <i>Combinatorial Libraries: Synthesis, Screening and Application Potential</i> (R. Cortese, ed.), Walter de Gruyter Publishing Co., New York, pp. 69-86, 1996.	
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		Shoemaker <i>et al.</i> , "Quantitative phenotypic analysis of yeast deletion mutants using a highly parallel molecular bar-coding strategy", <i>Nature Genetics</i> , 14:450-456, 1996.	
		Tuerk, "In vitro evolution of functional nucleic acids: high-affinity RNA ligands of HIV-1 proteins", <i>Gene</i> 137:33-39, 1993.	
		Tuerk, "Using the SELEX combinatorial chemistry process to find high affinity nucleic acid ligands to target molecules", <i>Meth. Mol. Biol.</i> 67:219-30, 1997.	
		Tuerk, C. and Gold, L., "Systematic evolution of ligands by exponential enrichment: RNA ligands to bacteriophage T4 DNA Polymerase", <i>Science</i> , 249:505-510, 1990.	
9/28/01		Yu and Bruno, "Immunomagnetic-electrochemi-luminescent detection of <i>Escherichia coli</i> 0157 and <i>Salmonella typhimurium</i> in food and environmental water samples," <i>Appl Environ. Microbiol.</i> , 62:587-92, 1996.	

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